

Listing of Claims:

1. (Currently Amended) A medical image radiographing system comprising:

5 a radiographic-room-use radiographing apparatus for performing medical radiography on a predetermined part of a patient in a radiographic room;

10 a portable radiographing apparatus, which is movable,
~~capable of moving and~~ for performing medical radiography on a predetermined part of the patient at a bedside of the patient;
and

a controller for displaying an input screen corresponding to inputted information and for inputting information through the input screen,

15 wherein, when radiographing order information for performing the medical radiography is inputted, the controller displays a selection input screen for inputting a selection of whether the radiographing order information is for the medical radiography to be performed by the radiographic-room-use radiographing apparatus or the medical radiography to be performed by the portable
20 radiographing apparatus, and the controller displays a radiographing order information input screen ~~different according to a content of~~ differently in accordance with the inputted selection, ~~inputted,~~ and

5 wherein at ~~input~~ completion of inputting of the
radiographing order information, the controller displays a same
confirmation input screen for inputting confirmation of the ~~input~~
completion of the inputting of the radiographing order
information regardless of whether the radiographing order
information is for the medical radiography to be performed by the
radiographic-room-use radiographing apparatus or the medical
radiography to be performed by the portable radiographing
apparatus.

2. (Currently Amended) The system of claim 1, wherein the
radiographing order information input screen ~~is~~ comprises an
input screen for inputting the radiographing order information
including a radiographing condition of the patient.

5 3. (Currently Amended) The system of claim 2, wherein, when
the inputted selection inputted is ~~in regard to~~ for the portable
radiographing apparatus, the input screen displayed by
the controller ~~displays the~~ comprises an input screen for
inputting the radiographing condition ~~[[,]]~~ which that is
displayed when the inputted selection ~~inputted~~ is ~~in regard to~~
for the radiographic-room-use radiographing apparatus, with an
effect added ~~on, the effect indicating~~ to the input screen to
indicate that ~~use of~~ at least one predetermined portion of the

10 input screen is not applicable to the portable radiographing
 apparatus. is not applicable, as the radiographing order
 information input screen.

 4. (Currently Amended) The system of claim 3, wherein ~~7~~
~~when the selection inputted is in regard to the portable~~
~~radiographing apparatus, the controller displays the input screen~~
~~for inputting the radiographing condition, which is displayed~~
5 ~~when the selection inputted is in regard to the radiographic-~~
~~room-use radiographing apparatus, with the radiographing~~
~~condition meshed, the effect added to the input screen comprises~~
~~hatching displayed over at least one portion of the input screen~~
~~corresponding to at least one radiographing condition under which~~
10 ~~the use of the portable radiographing apparatus is not usable.~~
~~applicable, as the radiographing order information input screen.~~

 5. (Currently Amended) A method for managing a medical
image with a medical image radiographing system comprising a
radiographic-room-use radiographing apparatus for performing
medical radiography on a predetermined part of a patient in a
5 radiographic room, a portable radiographing apparatus, which is
movable, ~~capable of moving and~~ for performing medical radiography
on a predetermined part of the patient at a bedside of the
patient, and a controller for displaying an input screen

corresponding to inputted information and for inputting
10 information through the input screen, said method comprising:

displaying, when radiographing order information is inputted
for performing the medical radiography, a selection input screen
for inputting a selection of whether the radiographing order
information is for the medical radiography to be performed by the
15 radiographic-room-use radiographing apparatus or the medical
radiography to be performed by the portable radiographing
apparatus;

displaying a radiographing order information input screen
~~different according to a content of~~ differently in accordance
20 with the inputted selection; ~~inputted;~~ and

displaying, at ~~input~~ completion of inputting of the
radiographing order information, a same confirmation input screen
for inputting confirmation of the ~~input~~ completion of the
inputting of the radiographing order information regardless of
25 whether the radiographing order information is for the medical
radiography to be performed by the radiographic-room-use
radiographing apparatus or the medical radiography to be
performed by the portable radiographing apparatus.

6. (Currently Amended) The method of claim 5, wherein the
radiographing order information input screen ~~is~~ comprises an

input screen for inputting the radiographing order information including a radiographing condition of the patient.

7. (Currently Amended) The method of claim 6, wherein, ~~the displaying a radiographing order information includes displaying,~~
when the inputted selection inputted is ~~in regard to~~ for the portable radiographing apparatus, the displayed input screen for
5 inputting the radiographing order information comprises an input
screen for inputting the radiographing condition, ~~which that~~ is displayed when the inputted selection ~~inputted~~ is ~~in regard to~~
for the radiographic-room-use radiographing apparatus, with an effect added ~~on, the effect indicating~~ to the input screen to
10 indicate that use of at least one predetermined portion of the
input screen is not applicable to the portable radiographing
apparatus, ~~is not applicable, as the radiographing order~~
~~information input screen.~~

8. (Currently Amended) The method of claim 7, wherein ~~the displaying a radiographing order information includes displaying,~~
~~when the selection inputted is in regard to the portable~~
~~radiographing apparatus, the input screen for inputting the~~
5 ~~radiographing condition, which is displayed when the selection~~
~~inputted is in regard to the radiographic-room use radiographing~~

~~apparatus, with the radiographing condition meshed, the effect~~
~~added to the input screen comprises hatching displayed over at~~
~~least one portion of the input screen corresponding to at least~~
10 ~~one~~ radiographing condition under which ~~use of~~ the portable
radiographing apparatus is not usable. ~~applicable, as the~~
~~radiographing order information input screen.~~

9. (Currently Amended) A medical image radiographing system
comprising:

a controller for managing radiographing order information
and a medical image so as to correspond to each other;

5 a portable terminal for storing the radiographing order
information and identification information of a cassette so as to
correspond to each other; and

a medical image reading apparatus for reading out the
medical image from ~~a~~ the cassette and the identification
10 information of the cassette,

wherein the controller, the portable terminal and the
medical image reading apparatus are connected through a network,

wherein the portable terminal comprises:

a storage section for storing the radiographing order
15 information and the identification information of the cassette so
as to correspond to each other; and

a communication section for transmitting the radiographing order information and the identification information of the cassette so as to correspond to each other;

20 wherein the medical image reading apparatus comprises:

a communication section for transmitting the medical image read out from the cassette and the identification information of the cassette so as to correspond to each other, and

25 wherein the controller comprises:

a communication section for receiving a set of the radiographing order information and the identification information of the cassette, and a set of the identification information of the cassette and the medical image;

30 a storage section for storing the radiographing order information and the medical image so as to correspond to each other based on the identification information of the cassette; and

a display control section for displaying at least two
35 medical images ~~over~~ corresponding to a plurality of patients on a same screen, when the at least two medical images are among
medical images corresponding to the that correspond to
radiographing order information that is received from a same portable terminal. ~~, on a same screen.~~

10. (Currently Amended) The system of claim 9, wherein in the controller: [[,]]

the communication section receives a set of the identification information of the cassette and radiographing order information ~~of~~ corresponding to a plurality of patients, ~~and the identification information of the cassette,~~ and a set of the identification information of the cassette and a plurality of medical images ~~of~~ corresponding to the plurality of patients ~~and the identification information of that are read from the~~ cassette;

the storage section stores the radiographing order information of the plurality of patients and the medical images of the plurality of patients so as to correspond to each other based on the identification information of the cassette; and

the display control section displays at least two medical images ~~over~~ corresponding to the plurality of patients among the medical images corresponding to the radiographing order information of the plurality of patients received from the same portable terminal, on the same screen.

11. (Currently Amended) The system of claim 9, wherein the controller comprises a mode setting section for setting one of a normal mode under which ~~the~~ a medical image radiographed in ~~the~~ a

radiographic room is displayed ~~or~~ and a portable mode under which
5 ~~the~~ a medical image radiographed at round visits is displayed,
and

wherein the display control section ~~displays the medical~~
~~image according to~~ operates in accordance with a mode set by the
mode setting section.

12. (Currently Amended) The system of claim 11, wherein the
display control section of the controller displays ~~the~~ at least
one medical image of a same patient on the same screen under the
normal mode, and the display control section of the controller
5 displays ~~the~~ at least one medical image corresponding to ~~the~~
radiographing order information stored in a same portable
terminal under the portable mode.

13. (Currently Amended) The system of claim 11, wherein in
the portable terminal: [[,]]

the storage section stores the radiographing order
information regarding the radiography at the round visits and the
5 identification information of the cassette; and

the communication section transmits the radiographing
order information regarding the radiography at the round visits
and the identification information of the cassette, and

wherein in the controller: [[,]]

10 the communication section receives the radiographing
order information regarding the radiography at the round visits
and the identification information of the cassette;

 the mode setting section sets the portable mode when
the communication section receives the radiographing order
15 information regarding the radiography at the round visits and the
identification information of the cassette; and

 the display control section ~~displays the medical image~~
operates under the portable mode.

14. (Currently Amended) A medical image radiographing
system comprising:

 a controller for managing a medical image, identification
information of a cassette and radiographing order information so
5 as to correspond to each other;

 a portable terminal for storing the radiographing order
information and the identification information of the cassette so
as to correspond to each other; and

 a medical image reading apparatus for reading out the
10 medical image from the cassette and the identification
information of the cassette,

 wherein the controller, the portable terminal and the
medical image reading apparatus are connected through a network,

wherein the portable terminal comprises:

15 a storage section which stores the radiographing order
information and the identification information of the cassette so
as to correspond to each other; and

 a communication section for transmitting the
radiographing order information and the identification
20 information of the cassette so as to correspond to each other,

wherein the medical image reading apparatus comprises:

 a communication section for transmitting the medical
image read out from the cassette and the identification
information of the cassette so as to correspond to each other,
25 and

wherein the controller comprises:

 a communication section for receiving a set of the
radiographing order information and the identification
information of the cassette, and a set of the medical image and
30 the identification information of the cassette;

 a storage section for storing the radiographing order
information and the medical image so as to correspond to each
other based on the identification information of the cassette;

 a mode setting section for setting one of a normal mode
35 under which ~~the~~ a medical image radiographed in a radiographic
room is displayed ~~or~~ and a portable mode under which ~~the~~
a medical image radiographed at round visits is displayed; and

40 a display control section for displaying ~~the~~ at least
one medical image of a same patient on a same screen under the
normal mode, and for displaying at least two medical images ~~over~~
corresponding to a plurality of patients on a same screen, when
the at least two medical images are among medical images
~~corresponding to the~~ that correspond to radiographing order
information that is received from a same portable terminal, ~~on~~
45 ~~the same screen~~ under the portable mode.

15. (Currently Amended) The system of claim 14, wherein in
the controller: [[,]]

5 the communication section receives a set of the
identification information of the cassette and a plurality of
pieces of radiographing order information, ~~and the identification~~
~~information of the cassette,~~ and a set of the identification
information of the cassette and a plurality of medical images;
~~and the identification information of the cassette,~~ and

10 the display control section displays all of the medical
images corresponding to the plurality of pieces of radiographing
order information received, on the same screen.

16. (Currently Amended) The system of claim 14, wherein in
the controller: [[,]]

the mode setting section sets the normal mode when the communication section does not receive the radiographing order information and the identification information of the cassette from the portable terminal, and sets the portable mode when the communication section receives the radiographing order information and the identification information of the cassette from the portable terminal; and

the display control section ~~displays the medical image according to a~~ operates under the mode set by the mode setting section.

17. (Currently Amended) A method for displaying a medical image in a medical image radiographing system in which: (i) a controller for managing radiographing order information and the medical image so as to correspond to each other, (ii) a portable terminal for storing the radiographing order information and identification information of a cassette so as to correspond to each other and (iii) a medical image reading apparatus for reading out the medical image from the cassette and the identification information of the cassette are connected through a network, said method comprising:

storing the radiographing order information and the identification information of the cassette so as to correspond to each other;

transmitting the radiographing order information and the
15 identification information of the cassette so as to correspond to
each other;

transmitting the medical image read out from the cassette
and the identification information of the cassette so as to
correspond to each other;

20 receiving a set of the radiographing order information and
the identification information of the cassette, and a set of the
medical image and the identification information of the cassette;

storing the radiographing order information and the medical
image so as to correspond to each other based on the
25 identification information of the cassette;

displaying at least two medical images ~~over~~ corresponding to
a plurality of patients on a same screen, when the at least two
medical images are among medical images ~~corresponding to the that~~
correspond to radiographing order information that is received
30 from a same portable terminal, ~~, on a same screen.~~

18. (Currently Amended) The method of claim 17, ~~further~~
~~comprising wherein:~~

said receiving comprises receiving a set of the
identification information of the cassette and radiographing
5 order information ~~of~~ corresponding to a plurality of patients,
~~and the identification information of the cassette, and a set of~~

the identification information of the cassette and medical images
of corresponding to the plurality of patients; ~~and the~~
~~identification information of the cassette;~~

10 said storing the radiographing information and the medical
image comprises storing the radiographing order information of
the plurality of patients and the medical images of the plurality
of patients so as to correspond to each other based on the
identification information of the cassette; and

15 said displaying comprises displaying on a same screen at
least two medical images ~~over~~ corresponding to the plurality of
patients that are among the medical images corresponding to the
radiographing order information of the plurality of patients
received from the same portable terminal. ~~, on the same screen.~~

19. (Currently Amended) The method of claim 17, further
comprising:

setting one of a normal mode under which ~~the~~ a medical image
radiographed in a radiographic room is displayed ~~or~~ and a
5 portable mode under which ~~the~~ a medical image radiographed at
round visits is displayed; and

~~displaying the medical image by switching~~ controlling a
display screen ~~according to~~ operate in accordance with a set mode
set.

20. (Currently Amended) The method of claim 19, wherein ~~the~~
~~displaying the medical image by switching a~~ controlling the
~~display screen according to a mode set includes~~ comprises
displaying ~~the~~ at least one medical image of a same patient on
5 the same screen under the normal mode, and displaying ~~the~~ at
least one medical image corresponding to ~~the~~ radiographing order
information stored in the same portable terminal on the same
screen under the portable mode.

21. (Original) The method of claim 19, further comprising:
storing the radiographing order information regarding the
radiography at the round visits and the identification
information;

5 transmitting the radiographing order information regarding
the radiography at the round visits and the identification
information;

receiving the radiographing order information regarding the
radiography at the round visits and the identification
10 information;

setting the portable mode when the radiographing order
information regarding the radiography at the round visits and the
identification information are received; and

displaying the medical image under the portable mode.

22. (Currently Amended) A method for displaying a medical image in a medical image radiographing system in which: (i) a controller for managing the medical image, identification information of a cassette and radiographing order information so as to correspond to each other, (ii) a portable terminal for storing the radiographing order information and the identification information of the cassette so as to correspond to each other, and ~~the~~ (iii) a medical image reading apparatus for reading out the medical image from the cassette and the identification information of the cassette are connected through a network, comprising:

storing the radiographing order information and the identification information of the cassette so as to correspond to each other;

transmitting the radiographing order information and the identification information of the cassette so as to correspond to each other;

transmitting the medical image read out from the cassette and the identification information of the cassette so as to correspond to each other;

receiving a set of the radiographing order information and the identification information of the cassette, and a set of the medical image and the identification information of the cassette;

storing the radiographing order information and the medical
25 image so as to correspond to each other based on the
identification information of the cassette;

setting one of a normal mode under which ~~the~~ a medical image
radiographed in a radiographic room is displayed ~~or~~ and a
portable mode under which ~~the~~ a medical image radiographed at
30 round visits is displayed; and

displaying ~~the~~ at least one medical image of a same patient
on a same screen under the normal mode, and displaying at least
two medical images ~~over~~ corresponding to a plurality of patients
on a same screen, when the at least two medical images are among
35 medical images ~~corresponding to the~~ that correspond
to radiographing order information that is received from a same
portable terminal ~~, on the same screen under the portable mode.~~

23. (Currently Amended) The method of claim 22, ~~further~~
~~comprising wherein:~~

said receiving comprises receiving a set of the
identification information of the cassette and a plurality of
5 pieces of radiographing order information, ~~and the identification~~
~~information of the cassette,~~ and a set of the identification
information of the cassette and a plurality of medical images;
~~and the identification information of the cassette, and~~

10 said displaying comprises displaying all of the medical
images corresponding to the plurality of pieces of radiographing
order information received, on the same screen.

24. (Currently Amended) The method of claim 22, ~~further~~
~~comprising: setting wherein~~ the normal mode is set when the
radiographing order information and the identification
information of the cassette are not received, and ~~setting~~ the
5 portable mode is set when the radiographing order information and
the identification information of the cassette are received,
[[;]] and the displaying the medical image according to is
controlled in accordance with a set mode set.

25. (Currently Amended) A medical image radiographing
system comprising:

5 a radiographic-room-use radiographing apparatus for
performing medical radiography on a predetermined part of a
patient in a radiographic room;

 a portable radiographing apparatus, which is movable,
~~capable of moving and~~ for performing medical radiography on a
predetermined part of the patient at a bedside of the patient;

10 a controller for displaying an input screen corresponding to
inputted information and for inputting information through the
input screen;

a portable terminal for storing radiographing order information and identification information of a cassette so as to correspond to each other; and

15 a medical image reading apparatus for reading out the medical image from the cassette and the identification information of the cassette,

wherein the controller comprises:

20 a display section for displaying, when the radiographing order information for performing the medical radiography is inputted, ~~for displaying~~ a selection input screen for inputting a selection of whether the radiographing order information is for the medical radiography to be performed by the radiographic-room-use radiographing apparatus or the medical
25 radiography to be performed by the portable radiographing apparatus, for displaying a radiographing order information input screen ~~different according to a content of~~ differently in accordance with the inputted selection, ~~inputted~~, and for displaying, at ~~input~~ completion of inputting of the
30 radiographing order information, a same confirmation input screen for inputting confirmation of the ~~input~~ completion of the inputting of the radiographing order information regardless of whether the radiographing order information is for the medical radiography to be performed by the radiographic-room-use

35 radiographing apparatus or the medical radiography to be
performed by the portable radiographing apparatus;

a communication section for receiving a set of the
radiographing order information and the identification
information of the cassette, and a set of the medical image and
40 the identification information of the cassette;

a storage section for storing the radiographing order
information and the medical image so as to correspond to each
other based on the identification information of the cassette;
and

45 a display control section for displaying at least two
medical images ~~over~~ corresponding to a plurality of patients on a
same screen, when the at least two medical images are among
medical images ~~corresponding to the~~ that correspond to
radiographing order information that is received from a same
50 portable terminal, ~~on a same screen,~~

wherein the portable terminal comprises:

a storage section for storing the radiographing order
information and the identification information of the cassette so
as to correspond to each other; and

55 a communication section for transmitting the
radiographing order information and the identification
information of the cassette so as to correspond to each other,
and

wherein the medical image reading apparatus comprises:

60 a communication section for transmitting the medical
image read out from the cassette and the identification
information of the cassette so as to correspond to each other.